

In the Claims:

Please cancel claims 1 to 3 without prejudice and amend claims 4 to 8 and 10 as follows:

Claims 1 to 3 (canceled).

4(currently amended). A forming tool for making a microstructure in a glass or plastic surface by hot-forming technology, said forming tool comprising a base body-(1), an operative layer-(2) applied to a surface on one side of the base body and means-(4,5) for supplying or withdrawing air from another surface on another side of the base body-(1) opposite from the one side on which the operative layer (2)-is applied, wherein said base body-(1) comprises a porous base material with an open pore structure and said operative layer-(2) comprises a gas-impermeable material structured according to a negative of the microstructure to be produced by the forming tool in order to form depressions or grooves-(11) that extend through the operative layer-(2) to the porous base material with the open pore structure.

5(currently amended). The forming tool as defined in claim 4, wherein said base body-(1) consists entirely of said porous base material with the open pore structure.

6(currently amended). The forming tool as defined in claim 5, wherein said base body-{1} has gas impermeable side walls-{15}.

7(currently amended). The forming tool as defined in claim 4, wherein only a portion-{1b} of said base body-{1} next to said operative layer-{2} consists of said porous base material with the open pore structure, while a remaining portion {1a} of the base body {1}-is gas-impermeable.

8(currently amended). The forming tool as defined in claim 7, wherein said portion-{1b} of the base body-{1} next to said operative layer-{2} has gas-impermeable side walls-{15}.

9(previously presented). The forming tool as defined in claim 4, consisting of a pressing roller or a press tool.

10(currently amended). A method of using a forming tool to make a microstructure in a glass or plastic body by hot-forming technology, said method comprising the steps of:

a) providing the forming tool, said forming tool comprising a base body-{1}, an operative layer {2}-applied to a surface on one side of the base body and means {4, 5}-for supplying or withdrawing air from another surface on another side of the base body {1}-opposite from the one side on which the operative layer {2}-is applied, said base body {1}-comprising a porous base material with an

open pore structure and said operative layer (2) comprising a gas-impermeable material structured according to a negative of the a-microstructure to be produced by the forming tool in order to form depressions or grooves (11) that extend through the operative layer (2) to the base material with the open pore structure;

b) pressing the operative layer (2) of the forming tool structured according to the negative of the microstructure to be produced into a viscous glass or plastic substrate;

c) during the pressing of step b), generating an under pressure that acts on the open pore structure of the base body (1) in order to draw glass or plastic material of the viscous glass or plastic substrate into the operative layer (2) of the forming tool, and thus help form the microstructure in the viscous glass or plastic substrate;

d) after the microstructure has been formed in the substrate in step c), removing the forming tool from the viscous glass or plastic substrate; and

e) during the removing of step d), generating an overpressure that acts on the open pore structure of the base body to assist in the removing.

11(previously presented). The method as defined in claim 10, further comprising forming the viscous glass or plastic substrate from a glass or plastic melt.

12(previously presented). The method as defined in claim 10, wherein the glass or plastic substrate is solid, and further comprising heating the forming tool

locally immediately prior to formation of the microstructure in the glass or plastic substrate and applying the forming tool heated during the heating to the glass or plastic substrate in a region to be structured to plasticize substrate material and form the microstructure in the viscous glass or plastic substrate.